

EBV (HHV-4) gH/gp42 Recombinant Protein | EBV recombinant protein

EBV (HHV-4) gH/gp42 Protein Complex

CATALOG # AAA13703	HOST HEK293 cells	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

EBV (HHV-4) gH/gp42; EBV (HHV-4) gH/gp42 Protein Complex; EBV recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95% pure by 10% SDS-PAGE gel
Concentration	50ug (1ug/ul) in PBS (varies by lot)
Sequence	SLSEVKLHLD IEGHASHYTI PWTELMAKVP GLSPEALWRE ANVTEDLASM LNRYKLIYKT SGTLGIALAE PVDIPAVSEG SMQVDASKVH PGVISGLNSP ACMLSAPLEK QLFYYIGTML PNTRPHSVFY QLRCHLSYVA LSINGDKFQY TGAMTSKFLM GTYKRVTEKG DEHVLSLVFG KTKDLPDLRG PFSYPSLTSA QSGDYSLVIV TTFVHYANFH NYFVPNLKDM FSRVMTAA SYARYVLQKL VLEKGGCRE PELDTETLT MFEVSAFFK VGHAVGETGN GCVDLRWLAK SFFELTVLKD IIGICYGATV KGMQSYGLER LAAMLMAVK MEELGHLTTE KQEYALRLAT VGYPKAGVYS GLIGGATSVL LAYNRHPLFQ PLHTVMRETL FIGSHVVLRE LRLNVTQGP NLALYQLLST ALCSALEIGE VLRGLALGTE SGLFSPCYLS LRFDLTRDKL LSMAPQEATL DQAAVSNAVD GFLGRSLER EDRDAWHLAY KCVDRLDKVL MIIPLINVT F IISDREVRG SALYEASTTY LSSSLFLSPV IMNKCSQGAV AGEPRQIPKI QNFTRTQKSC IFCGFALLSY DEKEGLETTT YITSQEVQNS ILSSNYDFD NLHVHLLTT NGTVMEIAGL YEERAGGRVA AAITWVPKP NVEVWPVDP PPVNFNKTA E QEYGDKEVKL PHWPTLHTF QVPQNYTKAN CTYCNTRYT FSYKGCCFYF TKKKHTWNGC FQACAELYP C TYFYGPTPDI LPVVTRNLNA IELWVGYYRV GEGNWTSLDG GTFKYYQIFG SHCTYVSKFS TVPVSHHECS FLKPCLCVSQ RSNS
Applicable Applications for EBV recombinant protein	WB (Western Blot), ELISA, Immunogen
Source	Expressed and purified from HEK293 cells
Endotoxin Level	< 0.01 EU per 1 ug of the protein by LAL test
Viral Protein	Recombinant EBV gH protein (amino acid 19-678) (GenBank accession#: P03231) and EBV gp42 (aa 34-223) (GenBank accession#: YP_401672) complex
Preparation and Storage	Store at -20°C. Stable for two weeks from the date of receipt when kept at 4°C.

IMAGES



SDS-PAGE
4-20% SDS-PAGE: purified gH/gp42(EBV) protein complex

ADDITIONAL INFORMATION

Related Product Information for EBV recombinant protein	Introduction: Herpesviruses have an envelope and an outer lipid bilayer which contains twelve surface glycoproteins. For infectivity to be attained, the double stranded DNA genome of EBV must enter the host cell through means of fusion of its envelope with the cellular membrane or via endocytosis. Epstein–Barr virus (EBV) can infect both B cells and epithelial cells. The mechanisms for entering these two cells are different. The viral three-part glycoprotein complexes of gH/gL/gp42 mediate B cell membrane fusion. Description: Recombinant EBV glycoprotein and gp42 proteins expressed and purified from 293 cells.
Product Categories/Family for EBV recombinant protein	Viral Recombinant Proteins; Herpesvirus

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P03231
UniProt Protein Name	Envelope glycoprotein H
UniProt Gene Name	gH
UniProt Synonym Gene Names	gH; gp85
UniProt Entry Name	GH_EBVB9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gh-recombinant-protein-hek293-wb-western-blot-elisa-immunogen/13703>